

Operations Report CDF Weekly Meeting

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Store Summary

Date	Store	Init L	Dur	Int L	Live L	3
6/26	2725	35.6	19.2	1344	1252	93.2%
6/27	2727	38.0	19.0	1490	1196	80.3%
6/28	2728	37.2	7.1	706	644	91.1%
6/29	2734	32.2	18.3	1162	1081	93.0%
6/30	2736	34.4	16.3	1186	1081	91.1%
7/1	2737	27.8	18.6	1103	913	82.8%
7/2	2740	22.8	7.3	448	412	92.0%
	Totals		105.8	7439	6579	88.4%



Accelerator Status

- Lost a Main Injector quadrapole magnet to ground fault
- All machines except pbar went into access yesterday
- Controlled Access
 - Recovered 2 ISL ladders
 - Took radiation monitoring measurements
- Magnet was replaced and accelerator operations resumed at 6am this morning
- Currently stacking and performing TeV studies
- Expect next HEP store this evening



Accelerator Plan

- Need to reach base goal of 225pb⁻¹ by Aug. 25 shutdown
- Currently delivered 176pb⁻¹ so need to average 6pb⁻¹ a week until the shutdown
- Since February they have delivered an average of 4.7pb⁻¹ per week
- No planned studies or maintenance periods until the average integrated luminosity to reach the base goal drops below 4.7pb⁻¹



Downtime Worklist

Start Date:

- Commonly encounter "operational issues" related to tests/studies performed during downtime
- Provide concise summary of work done during periods of downtime
- Provide contact numbers for persons who performed the work
- Goal to improve recovery time and efficient data taking after downtime

Downtime Task List						
System	Contact	Work Done				

End Date:



Summary

- Recorded 6.6pb⁻¹ of 7.4pb⁻¹ delivered this week
- Goal of 90% efficiency for remaining 50pb⁻¹
- Stack and Store
- Have a "smooth" 4th of July weekend!